

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

In The Claims:

Please amend the claims as follows (all pending claims are listed for the Examiner's convenience):

19. (New) A process for making a cured film having the memory of a specified shape, said process comprising the steps of:

providing an oligomer compound that has at least one acryloyl or methacryloyl group in the molecule and that has a glass transition temperature no higher than 50° ċ after polymerization;

providing a low-molecular weight compound that has in its molecule one reactive double bond capable of polymerization with said oligomer compound and that has a glass transition temperature higher than at least 90° ċ after polymerization;

forming a resin composition from said oligomer compound and ~~said mixture~~ said low-molecular weight compound,

shaping said resin composition by either applying it onto a shaped part or placing it between films,

curing said resin composition with electron beams; and

removing the cured composition from the shaped part or films.

20. (New) A process for making a cured film having the memory of a specified shape, said process comprising the steps of:

providing an oligomer compound that has at least one acryloyl or methacryloyl group in the molecule and that has a glass transition temperature no higher than 50° ċ after polymerization;

providing a mixture of two or more low-molecular weight compounds that have in their molecule one reactive double bond capable of copolymerization with said oligomer compound and that have a glass transition temperature higher than 90° ċ after polymerization;

forming a resin composition from said oligomer compound and said mixture,

shaping said resin composition by either applying it onto a shaped part or placing it between films,

curing said resin composition with electron beams; and

removing the cured composition from the shaped part or films.

21. (New) A process for making a cured film having the memory of a specified shape, said process comprising the steps of:

providing an oligomer compound that has at least one acryloyl or methacryloyl group in the molecule and that has a glass transition temperature no higher than 50° C after polymerization;

providing a simple urethane adduct of hydroxyethyl acrylate or hydroxyethyl metacrylate and a diisocyanate;

providing an optional low-molecular weight compound that has in its molecule at least one double bond capable of copolymerization with the oligomer compound;

forming a resin composition from said oligomer compound, said simple urethane adduct said low-molecular weight compound,

shaping said resin composition by either applying it onto a shaped part or placing it between films,

curing said resin composition with electron beams; and

removing the cured composition from the shaped part or films.